

US009408434B2

(12) United States Patent

(10) Patent No.: US 9,408,434 B2 (45) Date of Patent: Aug. 9, 2016

(54)	FOOTWEAR			
(71)	Applicant: Johnson Su, Taichung (TW)			
(72)	Inventor:	Johnson Su, Taichung (TW)		
(*)	Notice:	Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 383 days.		
(21)	Appl. No.:	14/070,701		
(22)	Filed:	Nov. 4, 2013		

Prior Publication Data

US 2014/0310990 A1 Oct. 23, 2014

(30) Foreign Application Priority Data

Apr. 19, 2013 (TW) 102207227 U

(51)	Int. Cl.	
	A43B 5/08	(2006.01)
	A43B 3/12	(2006.01)
	A43B 3/24	(2006.01)
	A43B 7/08	(2006.01)
	A43B 13/26	(2006.01)
	A43B 13/36	(2006.01)

(52) U.S. Cl.

(65)

CPC . **A43B 5/08** (2013.01); **A43B 3/128** (2013.01); **A43B 3/244** (2013.01); **A43B 3/246** (2013.01); **A43B 7/087** (2013.01); **A43B 13/26** (2013.01);

A43B 13/36 (2013.01)

(58) Field of Classification Search

CPC A43B 3/244; A43B 3/246; A43B 5/08; A43B 13/16; A43B 13/24; A43B 13/26; A43B 13/28; A43B 3/128

(56) References Cited

U.S. PATENT DOCUMENTS

6,701,640 B2*	3/2004	Nakano A43B 7/06
		36/3 B
6,915,596 B2*	7/2005	Grove A43B 13/223
		36/100
7.451.557 B2*	11/2008	McDonald A43B 1/0063
7,101,007	11,2000	36/100
7.579.076 D2*	9/2000	Pawlus A43B 3/0047
7,578,076 BZ *	8/2009	
		36/100
8,474,155 B2*	7/2013	McDonald A43B 1/0063
		36/102

* cited by examiner

Primary Examiner — Ted Kavanaugh (74) Attorney, Agent, or Firm — Trop Pruner & Hu, P.C.

(57) ABSTRACT

A footwear includes an outsole and an insole. The outsole includes multiple support portions connected to an annular peripheral portion, and cooperating with a hole-defining surface to define multiple block-receiving holes, and an annular inner ridge extending from the hole-defining surface into the holes. The insole includes multiple wearproof blocks and an insole body formed with an annular outer groove and multiple embedding grooves between adjacent pairs of the wearproof blocks. The insole body is supported by the support portions and the peripheral portion with the inner ridge received in the outer groove, the support portions received in the embedding grooves, and the wearproof blocks received fittingly in the holes.

16 Claims, 5 Drawing Sheets

